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October 3, 2002

COPY 3 of 3

Commissioner for Patents
Washington, D.C. 20231

Re: U.S. Patent Application No.: 10/010942
For: *Humanized Antibodies That Recognize Beta Amyloid Peptide*
Inventors: Basi, Guriq, *et al.*
Filed: December 6, 2001
Our Ref. No.: ELN-002

Dear Sir:

I enclose herewith for filing in the above-identified application the following:

1. ~~Information Disclosure Statement;~~
2. PTO Form PTO/SB/08A;
3. Copies of references cited in PTO Form PTO/SB/08A (325); and
4. A Return Postcard.

No additional costs are believed to be due in connection with the filing of this Information Disclosure Statement. However, please charge any necessary fees in connection with the enclosed statement to our Deposit Order Account No. 12-0080. For this purpose, a duplicate of this sheet is attached.

I hereby certify that this correspondence is deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on:

October 3, 2002
Date

Debra J. Milasincic, Esq., Reg. No. 46,931

Respectfully submitted,
LAHIVE & COCKFIELD, LLP

Debra J. Milasincic, Esq.
Registration No. 46,931
Attorney for Applicants

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Basi, Guriq, *et al.*

Serial No.: 10/010942

Filed: December 6, 2001

For: *Humanized Antibodies That Recognize Beta Amyloid Peptide*

Attorney Docket No.: ELN-002

Group Art Unit: 1645

Examiner: Not Yet Assigned

Commissioner for Patents
Washington, D.C. 20231

Certificate of First Class Mailing (37 CFR §1.8(a))

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October 3, 2002
Date of Signature and of Mail Deposit

By: _____
Debra J. Milasincic, Esq.
Registration No. 46,931
Attorney for Applicants

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Applicants and their Attorney are aware of the following publications and information, listed on the attached PTO Form 1449, and in accordance with 37 CFR §1.97 hereby submit these publications for the Examiner's consideration. A copy of each cited publication is enclosed.

This statement is not to be interpreted as a representation that the cited publications are material, that an exhaustive search has been conducted, or that no other relevant information exists. Nor shall the citation of any publication herein be construed *per*

as a representation that such publication is prior art. Moreover, Applicants understand that the Examiner will make an independent evaluation of the cited publications.

Applicant also cites commonly owned copending applications directed to related subject matter:

09/201,430 filed 11/30/98;
09/497,553 filed 02/03/00;
09/724,477 filed 11/28/00;
09/723,927 filed 11/28/00;
09/723,762 filed 11/28/00;
09/724,102 filed 11/28/00;
09/724,489 filed 11/28/00;
09/322,289 filed 05/28/99;
09/723,713 filed 11/27/00;
09/723,760 filed 11/27/00;
09/724,319 filed 11/27/00;
09/723,384 filed 11/27/00;
09/724,495 filed 11/27/00;
09/580,015 filed 05/26/00;
09/724,940 filed 11/28/00;
09/724,961 filed 11/28/00;
09/580,018 filed 05/26/00;
09/724,552 filed 11/28/00;
09/723,544 filed 11/28/00;
09/724,273 filed 11/28/00;
09/724,551 filed 11/28/00;
09/724,288 filed 11/28/00;
09/580,019 filed 05/26/00;
09/723,765 filed 11/28/00;
09/724,291 filed 11/28/00;
09/204,838 filed 12/03/98;
09/724,921 filed 11/28/00;
09/724,929 filed 11/28/00;
09/585,817 filed 06/01/00;

09/724,567 filed 11/28/00;
09/724,575 filed 11/28/00;
09/724,953 filed 11/28/00;

Applicant points out that the following applications are now commonly assigned but were previously subject to different assignment than the present application:

09/724,570 filed 11/28/00;
09/585,656 filed 06/01/00;
09/723,766 filed 11/27/00;
09/723,725 filed 11/27/00;
09/579,690 filed 05/26/00;
09/979,701 filed 03/13/01 (U.S. National Stage of PCT/US00/14810 filed 05/26/00);
09/979,952 filed 04/04/02 (U.S. National Stage of PCT/US00/15239 filed 06/01/00); and,
09/980,568 filed 03/12/02 (U.S. National Stage of PCT/US00/15302 filed 06/01/00).

Applicant further cites the following commonly owned expired provisional applications directed to related subject matter:

60/067,740 filed 12/02/97;
60/080,970 filed 04/07/98;
60/067,219 filed 12/03/97;
60/079,697 filed 03/27/98;
60/137,010 filed 06/01/99;
60/137,047 filed 06/01/99;
60/136,655 filed 05/28/99; and,
60/251,892 filed 12/06/00.

Solomon Reissue

The Assignees of the instant application are licensees of U.S. Patent No. 5,688,651, which is directed in part to subject matter related to the instant application. U.S. Patent No. 5,688,651 is now undergoing examination reissue as Application No. 09/441,140. U.S. Patent No. 5,688,651 and U.S. Application No. 09/441,140 are cited in the PTO/SB/08A form attached hereto.

Raso Grant Application

Applicants wish to bring to the Examiner's attention a grant application believed to have been submitted by Victor Raso for NIH Grant 1 R43 AGI 5746-01 on August 29, 1997. Cite no. 144 is a redacted version of the grant proposal and cite no. 304 is an unredacted version. Applicants obtained copies of this grant proposal under the Freedom of Information Act (FOIA). It is believed that the grant proposal would not have been accessible under FOIA before April 2, 1998 (the funding date), but the exact date of public accessibility, if any, is not known to Applicants.

Under 37 CFR § 1.97(b)(3), no additional costs are believed to be due in connection with the filing of this disclosure. If, however, a first Office Action on the merits issues in this application bearing a mailing date prior to the date of this Information Disclosure Statement, please charge the appropriate fee as required under 37 CFR §1.17(p) to our Deposit Order Account No. 12-0080.

Respectfully submitted,
LAHIVE & COCKFIELD, LLP

Debra J. Milasincic, Esq.
Registration No. 46,931
Attorney for Applicants

28 State Street
Boston, MA 02109
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Date: October 3, 2002
AEM/DJM/CEH/ipc
Enclosures

Please type a plus sign (+) inside this box → [+]

PTO/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 16

Complete if Known	
Application Number	10/010942
Filing Date	December 6, 2001
First Named Inventor	Basi, Guriq *et al.*
Group Art Unit	1645
Examiner Name	
Attorney Docket Number	ELN-002

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No.[1]	U.S. Patent Document Number	Kind Code[2] (*if known*)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	283	09/441,140		Solomon et al.	11-16-1999	
	242	60/168,594		Chalifour et al.	N/A	
	282	60/169,687		Chain	N/A	
	295	60/184,601		Holtzman et al.	N/A	
	299	60/186,295		Rasmussen et al.	N/A	
	296	60/254,465		Holtzman et al.	N/A	
	297	60/254,498		Holtzman et al.	N/A	
	300	2001/0018053	A1	McMichael	08-30-2001	
	267	6,294,171	B2	McMichael	09-25-2001	
	234	6,284,221	B1	Schenk, et al.	09-04-2001	
	230	6,262,335	B1	Hsiao et al.	07-17-2001	
	231	6,114,133		Seubert et al.	09-05-2000	
	196	6,150,091		Pandolfo et al.	11-21-2000	
	1	6,057,367		Stamler et al.	05-02-2000	
	221	5,989,566		Cobb et al.	11-23-1999	
	2	5,958,883		Snow	09-28-1999	
	3	5,955,317		Suzuki et al.	09-21-1999	
	4	5,955,079		Mond et al.	09-21-1999	
	5	5,877,399		Hsiao et al.	03-02-1999	
	6	5,869,093		Weiner et al.	02-09-1999	
	7	5,869,054		Weiner et al.	02-09-1999	
	8	5,854,204		Findeis et al.	12-29-1998	
	9	5,851,996		Kline	12-22-1998	
	10	5,849,298		Weiner et al.	12-15-1998	
	11	5,837,473		Maggio e al.	11-17-1998	
	12	5,786,180		Konig et al.	07-28-1998	
	207	5,780,587		Potter	07-14-1998	
	13	5,753,624		McMichael et al.	05-19-1998	
	14	5,750,349		Suzuki et al.	05-12-1998	
	197	5,744,368		Goldgaber et al.	04-28-1998	
	211	5,736,142		Sette et al.	04-07-1998	
	15	5,733,547		Weiner et al.	03-31-1998	
	16	5,688,651		Solomon	11-18-1997	
	17	5,679,348		Nesburn et al.	10-21-1997	

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] Unique citation designation number. [2] Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 16

Complete if Known	
Application Number	10/010942
Filing Date	December 6, 2001
First Named Inventor	Basi, Guriq *et al.*
Group Art Unit	1645
Examiner Name	
Attorney Docket Number	ELN-002

	18	5,645,820		Hafler et al.	07-08-1997	
	19	5,641,474		Hafler et al.	06-24-1997	
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	21	5,612,486		McConlogue et al.	03-18-1997	
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	175	5,441,870		Seubert, et al.	08-15-1995	
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	27	5,387,742		Cordell	02-07-1995	
	181	5,270,165		Van Nostrand et al.	12-14-1993	
	284	5,231,170		Averback	1993-07-27	
	28	5,231,000		Majocha et al.	07-27-1993	
	29	5,220,013		Ponte et al.	06-15-1993	
	30	5,208,036		Eppstein et al.	05-04-1993	
	31	5,192,753		McGeer et al.	03-09-1993	
	32	5,187,153		Cordell et al.	02-16-1993	
	33	5,057,540		Kensil et al.	10-15-1991	
	198	5,004,697		Pardridge	04-0201991	
	34	4,666,829		Glenner et al.	05-19-1987	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]
		Office[3]	Number[4]	Kind Code[5] (*if known*)				
	35	EP	911 036	A2		04-28-1999		
	36	EP	868 918	A2		10-07-1998		
	37	EP	863 211	A1		09-09-1998		
	38	EP	845 270	A1		06-03-1998		
	39	EP	782 859	A1		07-09-1997		
	40	EP	683 234	A1		11-22-1995		
	41	EP	666 080	A1		08-09-1995		
	42	EP	652 962	B1		12-16-1998		
	43	EP	639 081	B1		11-03-1999		
	44	EP	613 007	A2		08-31-1994		
	45	EP	594 607	B1		08-27-1997		
	46	EP	561 087	B1		08-04-1999		
	47	EP	526 511	B1		05-28-1997		
	48	EP	506 785	B1		03-15-2000		

Examiner Signature		Date Considered	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of 16

Complete if Known	
Application Number	10/010942
Filing Date	December 6, 2001
First Named Inventor	Basi, Guriq *et al.*
Group Art Unit	1645
Examiner Name	
Attorney Docket Number	ELN-002

	49	EP	451 700	A1		10-16-1991		
	50	EP	440 619	B1		01-24-1996		
	51	EP	359 783	B1		11-29-1995		
	52	EP	276 723	B1		12-08-1993		Yes
	187	EP	783 104	A1		07-09-1997		
	294	PCT	01/62801	A2		08-30-2001		
	301	PCT	01/62284	A2		03-01-2000		
	298	PCT	01/42306	A2		06-14-2001		
	243	PCT	01/39796	A2		06-07-2001		
	199	PCT	00/77178	A1		12-21-2000		
	240	PCT	00/43039	A1		07-27-2000		
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	54	PCT	99/60021	A2		11-15-1999		
	55	PCT	99/58564	A1		11-18-1999		
	56	PCT	99/06066	A2		02-11-1999		
	57	PCT	99/27949	A1		06-10-1999		
	58	PCT	99/27944	A1		06-10-1999		
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	203	PCT	99/00150	A2		01-07-1999		
	60	PCT	98/44955	A1		10-15-1998		
	61	PCT	98/07850	A2		02-26-1998		
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	62	PCT	97/17613	A1		05-15-1997		
	63	PCT	96/39176	A1		12-12-1996		
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	64	PCT	96/25435	A1		08-22-1996		
	65	PCT	96/18900	A1		06-20-1996		
	66	PCT	95/31996	A1		11-30-1995		
	200	PCT	95/12815	A1		05-11-1995		
	67	PCT	95/11994	A1		05-04-1995		
	68	PCT	95/11311	A1		04-27-1995		
	227	PCT	95/11008	A2		04-27-1995		
	69	PCT	95/05853	A1		03-02-1995		
	70	PCT	95/04151	A2		02-09-1995		
	201	PCT	94/28412	A1		12-08-1994		
	71	PCT	94/03615	A1		02-17-1994		
	72	PCT	94/01772	A1		01-20-1994		
	73	PCT	93/21950	A1		11-11-1993		
	74	PCT	93/16724	A1		09-02-1993		
	75	PCT	93/15760	A1		08-19-1993		

Examiner Signature		Date Considered	

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PA 3147648 v23

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 4 of 16

Complete if Known	
Application Number	10/010942
Filing Date	December 6, 2001
First Named Inventor	Basi, Guriq *et al.*
Group Art Unit	1645
Examiner Name	
Attorney Docket Number	ELN-002

	76	PCT	93/14200	A1		07-22-1993		
	205	PCT	93/04194	A1		03-04-1993		
	77	PCT	93/02189	A1		02-04-1993		
	78	PCT	92/13069	A1		08-06-1992		
	79	PCT	92/06708	A1		04-30-1992		
	80	PCT	92/06187	A1		04-16-1992		
	81	PCT	91/19810	A1		12-26-1991		
	82	PCT	91/16819	A1		11-14-1991		
	83	PCT	91/12816	A1		09-05-1991		
	84	PCT	91/08760	A1		06-27-1991		
	85	PCT	90/12871	A1		11-01-1990		
	86	PCT	90/12870	A1		11-01-1990		
	87	PCT	89/01343	A1		02-23-1989		
	88	PCT	89/06242	A1		07-13-1989		
	89	PCT	89/06689	A1		07-27-1989		
	90	PCT	89/03687	A1		05-05-1989		
	91	PCT	88/10120	A1		12-29-1988		
	92	GB	2 220 211	A		01-04-1990		
	93	GB	2 335 192	A		09-15-1999		

Examiner Signature		Date Considered	

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
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Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 5 of 16

Complete if Known	
Application Number	10/010942
Filing Date	December 6, 2001
First Named Inventor	Guriq, Basi *et al.*
Group Art Unit	1645
Examiner Name	
Attorney Docket Number	ELN-002

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
	94	ANDERSEN et al., "Do nonsteroidal anti-inflammatory drugs decrease the risk for Alzheimer's disease?," Neurology, 45:1441-1445 (1995).	☐
	95	Associated Press, "Immune cells may promote Alzehimer's, a study finds," *The Boston Globe* (4/13/95).	☐
	176	BARD et al., "Peripherally administered antibodies against amyloid β-peptide enter the central nervous system and reduce pathology in a mouse model of Alzheimer disease," Nature Medicine, 6(8):916-919 (2000).	☐
	228	BARROW, et al., "Solution Conformations and aggregational Properties of Synthetic Amyloid Beta-Peptides of Alzheimer's Disease. Analysis of Circular Dichroism Spectra" J. Mol.Biol., 225(4): 1075-1093 (1992).	
	96	BAUER et al., "Interleukin-6 and α-2-macroglobulin indicate an acute-phase state in Alzheimer's disease cortices," FEBS Letters, 285(1):111-114 (1991).	☐
	239	BEASLEY, "Alzheimer's traced to proteins caused by aging," Reuters, April 20, 2001 7:56 PM ET.	
	204	BERCOVICI et al., "Chronic Intravenous Injections of Antigen Induce and Maintain Tolerance in T Cell Receptor-Transgenic Mice," Eur. J. Immunol. 29:345-354 (1999).	
	212	BICKEL et al., "Site Protected, Cationized Monoclonal Antibody Against Beta Amyloid as a Potential Diagnostic Imaging Technique for Alzheimer's Diseases," Soc. for Neuroscience Abstracts 18:764 (1992).	
	97	BLASS, John P., "Immunologic Treatment of Alzheimer's Disease," New England J. Medicine, 341(22):1694 (1999).	☐
	98	BODMER et al., "Transforming Growth Factor-Beta Bound to Soluble Derivatives of the Beta Amyloid Precursor Protein of Alzheimer's Disease," Biochem. Biophys. Res. Comm., 171(2):890-897 (1990).	☐
	99	BORCHELT et al., "Accelerated Amyloid Deposition in the Brains of Transgenic Mice Coexpressing Mutant Presenilin 1 and Amyloid Precursor Proteins," Neuron, 19: 939-945 (1997).	☐
	100	BORIS-LAWRIE et al., "Recent advances in retrovirus vector technology," Cur. Opin. Genet Develop., 3: 102-109 (1993).	☐
	101	BRICE et al., "Absence of the amyloid precursor protein gene mutation (APP717 : Val->Ile) in 85 cases of early onset Alzheimer's disease," J. Neurology, Neurosurg. Psychiatry, 56:112-115 (1993).	☐
	285	CAPUTO et al., "Therapeutic approaches targeted at the amyloid proteins in Alzheimer's disease," Clin. Neuropharm., 15:414A-414B (1992).	
	224	Center for Biologics Evaluation and Research, U.S. Food and Drug Administration, Thimerosal in Vaccines (Mercury in Plasma-Derived Products), web site contents found at : http://www.fda.gov/cber/vaccine/thimerosal.htm, last updated May 16, 2002.	

Examiner Signature		Date Considered	

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Application Number	10/010942
Filing Date	December 6, 2001
First Named Inventor	Basi, Guriq *et al.*
Group Art Unit	1645
Examiner Name	
Attorney Docket Number	ELN-002

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Group Art Unit	1645
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Attorney Docket Number	ELN-002

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Sheet 13 of 16

Complete if Known	
Application Number	10/010942
Filing Date	December 6, 2001
First Named Inventor	Basi, Guriq *et al.*
Group Art Unit	1645
Examiner Name	
Attorney Docket Number	ELN-002

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Attorney Docket Number	ELN-002

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	A14		WO 00/72876	A2, A3		12-07-2000		
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	B4	US 2002/0136718	A1	Raso	09-26-2002	

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	B5		WO 00/77178	A1		12-21-2000		

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	B6	09/724,842		Chalifour et al.	N/A	

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